



## Material Content Data Sheet



<b>Sales Product Name</b>				KP200		<b>Issued</b>		23. January 2018	
<b>MA#</b>				MA001642646					
<b>Package</b>				PG-DSOF-8-16		<b>Weight*</b>		227.88 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	14.014	6.15	6.15	61500	61500	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		41		
	non noble metal	zinc	7440-66-6	0.037	0.02		162		
	non noble metal	iron	7439-89-6	0.740	0.32		3246		
	non noble metal	copper	7440-50-8	30.034	13.18	13.52	131797	135246	
wire	noble metal	gold	7440-57-5	0.150	0.07	0.07	660	660	
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2579		
	plastics	silicone resin	-	17.373	7.62		76239		
	plastics	epoxy resin	-	21.305	9.35		93491		
	inorganic material	silicondioxide	60676-86-0	125.036	54.87	72.10	548698	721007	
leadfinish	noble metal	gold	7440-57-5	0.020	0.01		87		
	noble metal	palladium	7440-05-3	0.020	0.01		88		
	non noble metal	nickel	7440-02-0	0.196	0.09		860		
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.11	2	1037	
lid attach material	organic material	carbon black	1333-86-4	0.005	0.00		22		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2088		
	plastics	epoxy resin	-	0.500	0.22	0.43	2196	4306	
lid	inorganic material	glass fibre	-	5.716	2.51		25084		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.76	6.27	37626	62710	
glue	inorganic material	alumina	1344-28-1	0.170	0.07		744		
	inorganic material	titandioxide	13463-67-7	0.031	0.01		135		
	inorganic material	silicondioxide	60676-86-0	0.571	0.25		2504		
	plastics	silicone resin	-	2.313	1.02	1.35	10151	13534	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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